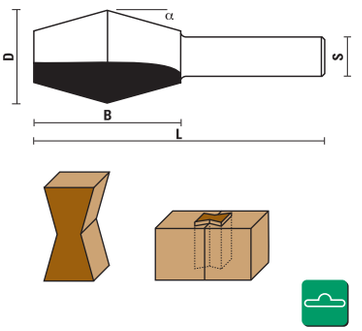
HW 14° BUTTERFLY SPLINE BITS Z=2

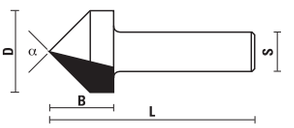
ART. E109 - G109

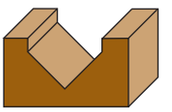


S ∅ 12	S ∅ 12,7 (1/2")	D	α	B	L
E109.280.R	G109.280.R	28	14°	46	84

HW V-GROOVE BITS Z=2

ART. E110 - G110

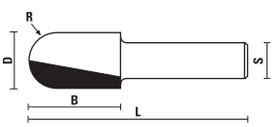


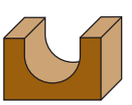


S ∅ 12	S ∅ 12,7 (1/2")	D	α	B	L
E110.127.R	G110.127.R	12,7	90°	13	54
E110.160.R	G110.160.R	16	90°	13	51
E110.190.R	G110.190.R	19	90°	16	54
E110.254.R	G110.254.R	25,4	90°	19	57
E110.320.R	G110.320.R	32	90°	25	64
E110.381.R	G110.381.R	38,1	90°	32	70
E110.501.R	G110.501.R	51	90°	44	83

HW CORE BOX BITS Z=2

ART. E111 - G111

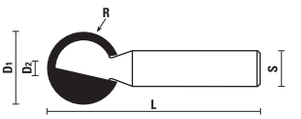


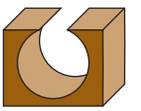


S ∅ 12	S ∅ 12,7 (1/2")	D	R	B	L
E111.127.R	G111.127.R	12,7	6,4	32	73
E111.160.R	G111.160.R	16	8	32	70
E111.190.R	G111.190.R	19	9,5	32	70
E111.220.R	G111.220.R	22	11	32	70
E111.254.R	G111.254.R	25,4	12,7	32	70
E111.317.R	G111.317.R	32	16	32	70
E111.380.R	G111.380.R	38	19	32	70
E111.500.R	G111.500.R	50	25	32	70

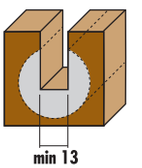
HW BALL AND PLUNGE BITS Z=2

ART. E112 - G112





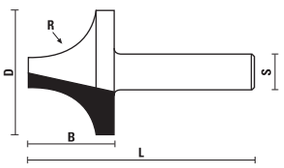
These tools can produce grooves for sliding panels or electrical wires, after a first groove which allows the tool shank moving

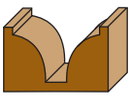


S ∅ 12	S ∅ 12,7 (1/2")	D1	D2	R	L
E112.127.R	G112.127.R	12,7	6,5	6,4	57
E112.160.R	G112.160.R	16	7,5	8	60
E112.190.R	G112.190.R	19	8,5	9,5	64
E112.254.R	G112.254.R	25,4	9	12,7	70
E112.286.R	G112.286.R	28,6	10,3	14,3	70
E112.320.R	G112.320.R	32	12,7	16	73

HW PLUNGING ROUND-OVER BITS Z=2

ART. E113 - G113

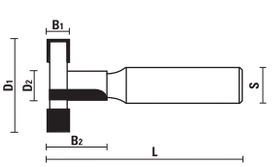


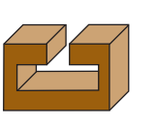


S ∅ 12	S ∅ 12,7 (1/2")	D	R	B	L
E113.160.R	G113.160.R	16	5	11	49
E113.190.R	G113.190.R	19	6,4	13	51
E113.220.R	G113.220.R	22	8	14	52
E113.254.R	G113.254.R	25,4	9,5	16	54
E113.349.R	G113.349.R	34,9	12,7	25,4	63,5
E113.445.R	G113.445.R	44,5	16	31,8	70
E113.510.R	G113.510.R	51	19	36	75

HW T-SLOT ROUTER BITS Z=2

ART. E114 - G114





S ∅ 12	S ∅ 12,7 (1/2")	D1	D2	B1	B2	L
E114.280.R	G114.280.R	28	9,5	8	21	65
E114.350.R	G114.350.R	35	13	9,5	22	65